UNCLASSIFIED

AD 401 755

Reproduced by the

DEFENSE DOCUMENTATION CENTER

FOR

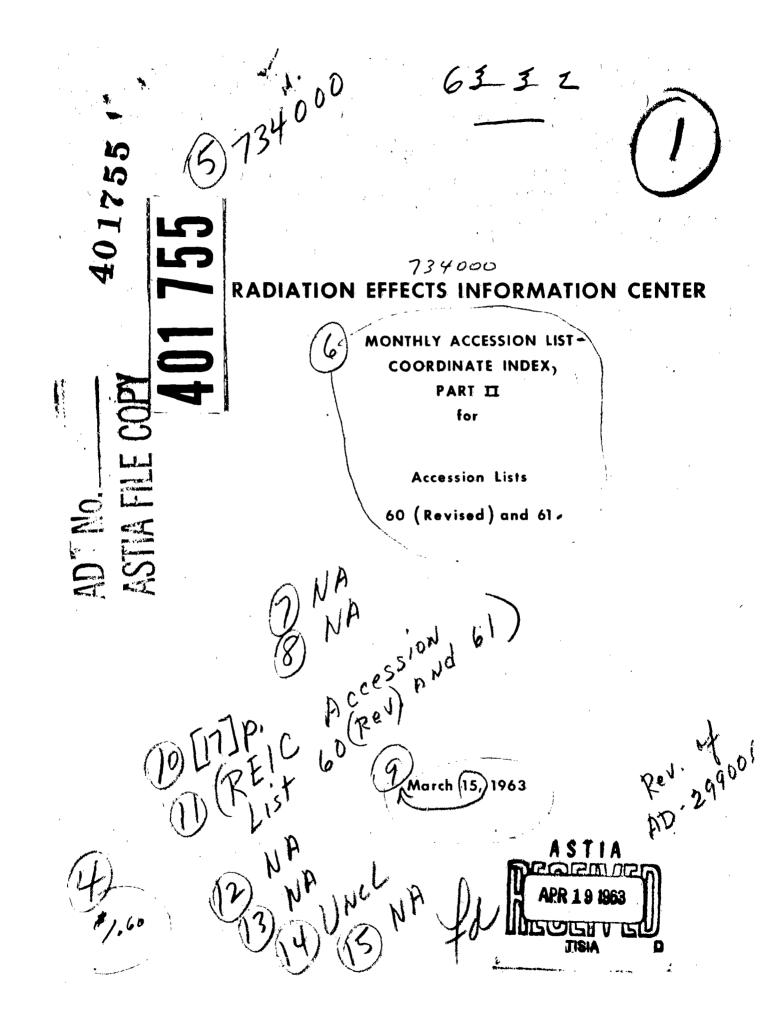
SCIENTIFIC AND TECHNICAL INFORMATION

CAMERON STATION, ALEXANDRIA, VIRGINIA



UNCLASSIFIED

NOTICE: When government or other drawings, specifications or other data are used for any purpose other than in connection with a definitely related government procurement operation, the U. S. Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.



PART II

COORDINATE INDEX

INTRODUCTION

List that it is no longer being used just for current awareness searches, as was originally intended, but is now being used by some individual and/or organizations to conduct retrospective searches. The REIC Technical Information File at Battelle Memorial Institute, Columbus, Ohio, was designed to maintain the complete store of information used to compile the Accession Lists, and conduct such searches. With the collection of a large number of reports dealing with radiation effects by many of the larger company libraries, as a result of the use of the Accession Lists, searching other sources, and internal research report preparation, the staff of the REIC has determined that an index to the abstracts provided in the Monthly Accession List would be highly desirable. It was found that the major REIC spensor, the U.S. Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, also shared in this reasoning.

The coordinate index approach was chosen, as it provides several times the number of access points to the abstracts, and a much higher degree of search specificity than could be provided by a conventional index.

Under each term in the index will be found the abstract accession numbers of documents which have been indexed by that term. The accession numbers have been arranged in ten columns in accordance with their terminal digit, so that accession numbers may be compared column by rolumn. Links are used where necessary to show the relationship of terms and to avoid unnecessary false abstract retrieval. Role indicators have not been used because of the extremely narrow scope of the literature abstracted. For example, it was found that only four of the proposed Engineers Joint Gouncil role indicators would have been used with the majority of terms used.

The terms and concepts used to index the abstracts have been selected on the basis of the REIC contract scope and the experience gained during the past five years in assisting users of the Technical Information File to locate information. Comments from the recipients and users of this index will enhance its future value as a ready search tool.

It should be noted that this is a SELECTED ACCESSION LIST, thus not all documents extracted for the REIC Technical Information File are abstracted for the Monthly Accession List. Approximately sixty per cent of the literature extracted for the REIC Technical Information File is abstracted for the Monthly Accession List. The remaining forty per cent consists of newsbriefs, author abstracts, extracts of internal papers, classified and proprietary material, which is felt not to be appropriate for inclusion in the Monthly Accession List. Hence, in order to assure completeness in searches and to obtain information on the most recently acquired reports, it is necessary to contact the REIC. This dissemination service is not intended to replace direct contact with REIC, but rather to supplement such contact at the various locations remote to the center. Direct contact with the Center and its technical staff is encouraged.

A cumulative index will be provided each month, so that the previous month's index may be discarded, thus reducing the amount of space required for storage of the accession lists. Further, it is envisioned that at the end of each contract year, a dual coordinate dictionary will be provided to facilitate the use of abstracts for retrospective searching.

For the users who plan to continue the use of the accession list for current surveillance, the generic terms; miscellaneous, organic and inorganic compounds, electronics, polymers, metals and ceramics, dosimetry, facilities, and space are included in the second section of the index to provide the general subject category as used in the Monthly Accession List format over the previous years.

The coordinate index, as appearing this month, will be modified and revised to fit the needs of the REIC users.

ORGANIZATION

The following sections are provided:

Section I: Radiation Environment

Section II: Materials, Properties,

Secondary Environments,

Devices, and Other Coordinate Terms

Section III: Authors

Section IV: Organizations

Section I includes the various types of radiation with electron energy, absorbed gamma dose, and neutron energy range subdivisions provided. The term space radiation is not included in this section; however, as a concept it is placed in Section II. The constituents of space radiation, electrons and protons, are, however, located in Section I when numerical values are attached to them.

Section II provides the terms and concepts for the various materials, properties, processes. The secondary environment concept, temperature, is indexed by temperature range to facilitate the location of the abstracts which deal with specific temperatures. The secondary or possibly primary environment, vacuum, is also included in its respective alphabetic position.

The authors of the abstracts are included in alphabetic order in Section III.

Section IV, of the organizations generating the reports, is divided into three subdivisions: U.S. Organizations, U.S. Government Agencies, and Foreign Organizations. Under each subdivision the organizations are listed alphabetically.

The REIC <u>does not</u> loan or distribute reports which are abstracted for the <u>Monthly Accession</u> <u>List</u>. The documents are, however, available for your use at the Center.

USE OF THE INDEX

The following examples indicate the approach to be followed in using the index.

- A. If you are interested in radiation effects on power converters, proceed as follows:
 - Turn in Section II to the concept power converters, which is listed in alphabetic order.
 - Note the accessions' numbers listed (17646 and 17898).
 - 3. In the abstract portion of the Monthly Accession List locate the numbers which are provided with the bibliographic citation in numerical order.
 - 4. On the basis of the information provided in the abstract you should be able to determine the positionence of the article to your interest.
- B. If you were interested, for example, in pulsed radiation effects on cables, proceed as follows:
 - 1. Turn in Section I to the concept pulsed radiation.
 - 2. Turn in Section II to the term cable.

Į.

- 3. Compare the accession numbers under pulsed radiation and cable, column by column. The coordination will yield five common numbers (17650, 17921, 17522, 17626, and 17949), which should be noted.
- 4. Turn in the abstract portion of the Monthly Accession List to the numbers for further bibliographic and abstract information.
- C. If you were interested in the effect of 109 ergs g-1(C) on glass, proceed as follows:

- 1. Turn in Section I to Gemma 10^9 ergs $g^{-1}(C)$.
- 2. Turn in Section II to Glass.
- Compare the accession numbers column by column.
 The comparison will yield two common numbers (17365 and 17694).
- 4. Turn to the abstracts in the Monthly Accession
 List for further information as to their
 pertinence to your interest.
- D. If you were interested in the effect of fast neutron irradiation of 1019 n/cm² on steels, you would proceed as follows:
 - 1. In Section I locate fast neutron irradiation.
 - 2. In Section I locate 10^{19} n/cm² (included in the 10^{19} to 10^{21} n/cm² range).
 - Compare the accession numbers column by column.
 The comparison will yield twelve common numbers (17370, 17662, 17823B, 17375, 17665, 17985, 17836, 17327, 17627A, 17349, 17379, and 17849).
 - 4. Compare those accession numbers which were found to be common (as indicated above) column by column with the term steel in Section II. The comparison will yield three common numbers (17375, 17327, and 17849).
 - 5. By turning to the abstracts, further information is obtained.

(ROTION II.
MATERIALS, PROPERTIES, DECOMMANY NEW IRON-MENTS, DEVICES
AND OPENS COORDINATE TEXAS SECTION 1 PADIATION BOYIN Alpha tradiction 17 MA 17048 17098 1 1/k Per Cent Cr . 1/P Per Cent No Steel K=79 Mo-primelloy 17920A 79 MM Alloy Deuteron Irradiation Electron irradiation 1770 17532 177024 178124 178125 ich Statuten Steel 17689 17699 17309 populatininiera steed. 1794 17616 5557 Altomotom Allica Electrons Less th Absorption Rugh 17360 17855 17906 1795R 17/10 Absorption operator 1 76-04 Electrons 2May 17361B Electrons 3May 17301 Electrons 5May as Acarteronater 17/06A 17/968 16/960 Acquaile Lesia a Irradiation Acrylates 17523 17653 1763 17623 17823 17823 17833A 17833C 17833C 17532 17702 17822 17684 17654 17704 178964 178968 178960 17617 17697 17857 17857 17908 17909 Acry]onitri]e Arrylanitrile-Butadie Aerospace Ohield Test Heactor 1/031 Aerospace Vehicles see also Space Vehicles Gamma Less than 10⁶orgs g⁻¹(C) 17930 17531 17612 17641 Gamma 10⁷orgs g⁻¹(C) 17661 10⁸ 17694 Aerozine-50 17811 Air Blast 17640 17361 17691 Air Environment see In Air Airglow 17907 178994 Gamma 109erga g-1(c) 17700 17811 17913 17973 Air lonisation 17940 Alkali Malides see specific Malide Alkyl Dimmleimides 17700 James 10¹⁰ergs g-1(C) Alloys see also specific alloys 17850 17920 17373 Gassa 10¹¹ergs g-1(C) 17944A Gamma 10¹²ergs g-1(C) and Above Allyl Acrylete Allyl Methecrylate Aluminum 17523 17653 17693 178134 178138 17315 17355 17375 17665 17855 17985 17898 17918 179388 Aluminum Alloys Aluminum Oxide (Alumina or Ammonia Product Ammonium Mypophosphite Integrated Neutron Irradiation 1780 17371 17850 17821A 17851 17843 17853 Amplification 17667 17986 Amplifiers 17930 Annealing 17850A 17850B 17850C 17850D Antennas Thermal Houtre n Irradiation 1701A 17813A Mentrons 109n/cm2 and Less Neutrons 10¹⁰ to 10¹² n/cs² 17851 17892 Neutrons 10¹³ to 10¹⁵ n/cs² 17⁸91 17822 Aryl Dimaleimides 17700 17667 Mentrona 1016 to 10¹⁸ n/cm² 17850a 17371 17852 17850c 17651 17850c 178500 Asbestos 1/327 17647 17667 Barden 100 Stainless Steel 17044E Barium Titanate 17961 17913 Base Breakdown Voltage see Breakdown V Base to Emitter Voltage see Bias Volta Neutrons 1019 to 1021 n/cm2 Voltage 17369 17379 17649 17347 178271 Photon Irradiation Proton Irradiation 17820 17691 Bensanthracene 17260 17819 17909 17904 17998A Pulsed Irradiation 17630 17351 17650 17921 Beryllium 17931 Beryllium Alloys 17850b 17626 17646 178966 178966 178966 178966 17657 17807 17897A 17897B 17522 17532 17818 17625 17645 17935 178898 17939 17949 17893 rvilium Oxide (Meryllim) 7830 - 17931 17379 Ultraviolet Irradiation 17360 17912 Bian Voltage 17330

Hiphenvin

Blant 17350 17831 Blant Resistant Structures

Booing Building Effects Laboratory

Martin Part		•																	Į
The continue	Bondmater E-631			••-					-116-	Cosmic Hed	i at ion 17691		17903			17356			1
Martine 1968 1969	Boron Rydride			179440			•			Cracking			10/13	17994				17376	1
The content	17811						17987		17649	Creep-Hupt	ure		17613			17776			
Mary	Bromestrahlung			17894			Tient		2(0.)	17700	17701	17612		17614		1()30			- 1
Conting Note 1986			17633							Cryogenic :	Pesting	40.				17006	17307	17868	11,5-7
The content					17299					Crystal Un	ite			178044				2,0,0	179198
The content of the									17899A			177,52	1 (093	178248		11000	2109Im		-1,7-2
1966 1976					17695						17921								- 1
Scheller 1948	17650 17921	17522				17686			17949	17910									
State States 1985 1986 1	Cadmitus							17938C				ranterist	ica	17644					1
Shake a field of the control of the	Cadmium Alloys										1 78 91	.,							į
Above the Anthone	Cadmium Oxide					17956					•			17364					
Selection Flower without selection of the properties of the proper	Calcium Sulfate								179694	-	itoring		17303						1
Calified Property 1987 1988 1988 1989 198			17813C		17915	17306				17900 Damping Fl	uid								17550
Control Tributes			17613C															17309	1/039
Columnity 1975 1976 19			17893							Defect For	mat ion					171166		11306	17350
Companies							17647			Delay				71314		41,300			
Control Cont	-	Mo. 375	17653				17987			Dennity			11043			1.7665			17349
This content)r·	179 44F						Detection					17835				
Part		17302									17531					,			
1796	17891									Liamond Or	inance Re	distion P	ecility						
Carrow 1945 1945 1946	17630	17358							17919A		uorometha	une					17267		
Carlon 1970	Carbonates		17613						176208	Dielectric	Constant	;		17304					17689
This	Carbon Black								1111,940					17304			17697		
Carbon Protection 1970 1	A											les							17689
Part								17358						17304			17697		
This Section This T								17358			17531			17654	17615				
Contract Concentration 1700 170	17851										(743 - (1854)	•		17264					
Companie	19000									1.7380									
Tright 1796						17616				Dimensions 17370	1 Changes	1	17613	17664	17665				17349
Processor Proc	17840								17819	Diphenylno	nane						17967		7(3)9
Part				17354		17366				Diodes	17821R	17632	178138	17 98 k			21201		17929
1795	Cesium Witrute				17625							17972	-12-						
Part	Chain Scission							177 4A			•								
17690 1769	Chemical Dosimeter	•	17903				17527				_							17368	
Para	17990	elso Print					17907			Displaceme	nt Cascad	les							
1789	17930	arro	eu on curo					17888		Displaceme	nt Effect	te .			17955				
17630 1768 1768 1764 1764 1765 1767 1767 1769	17930	17922							•	17790 Displaceme	17841 nt Energy	,			*		17047		T1,83.8
1789	17630			17644	17645		17807		17919C	Dosimetry 17600	17621	17639	17523	17814	17715	17316		1731A	179 fi o
1763 1763	Coatings		17293				17297			17900 17950	17631 17891	17812	17653 17843	17844	17625	17896A	17617	17918	17319
1796									17639B	17990	17021		17871 17901	17994	17695 17845	170000	17907	//	
Cobalt 60 Pacilities see Gemma Pacilities Cobalt Alloys 1794ka 1794ka 1795ka 1794ka 1795ka 1795		- CB0168							17529		17961		17943		17915	•		•	
Collector Leaking Current 1752 1752 1752 1753 1752		les see Com	mm Paciliti	et										17944C					
1752 1754 1757 1769				179kka								_							17659
1795 1782		Current	17523							NEA 1478 Y	Mor i Canti	•	17633				17347		÷ .
Trigon T	17951	Breakdown	Volt age							Ductile-Br		ensition 1	esperature				# I CHE (#		17/10
1/7/21	Collector-to-Base	17822 Reverse Le		ent						Ductility	-1314								-
Coloration 17642 17365 17907 17356 17356 17918 17354 17354 17354 173574	170214	17982								Dynamic Mo	dulms						•		
1735k 1767k 1767k 1767k 1767fk 1767f		1764.0			17364		17907	17756		Electrical	Conducti	Lvity	17913	17304		17956			,
Computer Codes 17892 17807	Common-Maitter Cu	rrent Cain			-1,547		2, 50,	-12/0						17354			1.7897A		
Computer Codes 17892 17892 17807 17813 178	Communications								17979			ge .							17689
Computers		17892										las	lan e	17284	-1	· tan			
17813C 17814C 17815C 17814C 17815C 17814C 17815C 1	ž.						17807			PT-CCLICE)	rropert	. ww DOG &	17813A	17304	m.r. propert	. 			
17372 17370 17373 17374 17376 17847 17376 17847 17950 17950 17950 17373 17950 1795	Control System se Coolants		mtrol Syst	**						Electrical	Restatio	/itv	13913C	14674					
1790 1791 1792 1794 1796 1704 17631 17631 17630 Copper Alloys 179500 179500 179500	Copper			1 male b		14244	1 7 0 1.7			17370			17373						
17933 179501 17373 179501	2 17390 17911 17850	ブルシス		*134#		DIEIL	Y LUM!												
1 Nazem	E 17/150A		17373										17933						
	1 /85 GD																		

								-117-									9
Electromechanical I	Properties					1760			6 Values	17618		173%	17695				
Electron Absorption	n					17697 17897A			Gallium Arsenide			1770k	-1-77				
Electron Emission						178978				17342	17813A 17813B	17914				17328	17819
						17897A 17897B			Gramm Vacilities 17240 Garnet		17323		•				17529
Electronics 17630 17291 17650 17351	17292 173 5 2	17343 17353	17984 17296	17295 17305	17306 17356	17967 17357	17546	17309 173 29	17651 Gammoum Products	_							1
17810 17651	17352 17522	17693 17813	1730k	17355 17 525	17366 17616	17357 17687 17647	17658 17618	17619 17649	Gelation	17612						17358	1
17840 17821 17910 17841	17532 17662	17823 17913	1735b	17645 17855	17396 17366 17616 17686 17686 17696 17696	17807 17809 17817	17838 17888 17898	17819 17889 179194	Germanium 17821A	17612 17342	178133	17974		17366	17267		17649
17930 '17891 17940 17911 17950 17921	17812 17822 17922	17973 17983	17354 17644 17914 17944 17964	17905 17935 17985	17696 17666	17667 17697	17938 17958	179198 179190	11,22	-15				17616 17666			17929
17950 17921 17960 17951	17932		17974	-1707	17666 17816 17856	_,,,,	.,	17 929 17939	Olass	17642		176ak	17768	17896A	17857	1793ē	17689
	17982				17886 17896			179 4 9 17979	Glass Fibers see P			17694 17944B	17365	17956	11071	*193c	1,000
Electron Spin Heso					179 2 6 17956				Ocdive Facility 17351								
17361 Electron Tubes	17612	17703		17985				17299	Go14	17633					17347		
17950				17935			17938	179 19 4 17939	0						17667 17827A		
Electrostatic 17691									0raphite 17370 17660		17613	17664					17939A
Elongation Embrittlement								178994	Greaces			179kkF					
Emittance							17378	17369	Guidance Systems		17353						17329
Emitter to Base Po	tential se	e Bias Vol	tage					178594	Oyroa		17353				17267		1
Energy Deposition Energy Spectrum				17995					Hall Coefficient 17661 Hall Effect	17982		17974			17627		
Epoxy Resins	17982								Hardening			17354		17366			
17341 17531				17635					Hardness				17375				17369 17899A
Banki Diodes		178130							Hazards 17620		17853	17994					1,109/40.1
Stohing Sthylene	17852								Hemt Deposition			A1774	17895				
Saplorer I				17695					Heat Transfer							17528	
Explorer VIII							17828									17618 17 928	\$ \$
Explorer XI		17633							Heat Transfer Flui Helium	a•			17345				4
Explorer XII	17982	17993							Mexafluorobenzene			179 8 4				1791A	£
Explosives see als	o specific						17698		Hexafluoroethane						17267		•
Evaporation Hate					17826				Hexaphonyl Ether					17926			÷
Facilities 17290 17301	17302	17303		17285 17825	17266	17367 17797	17308 17628	17529	N-Film 17531				17635	11760			:
17350 17890	17622 17652 17952	17323		T(0K)	17946	71.41	Tion		High Purity Materi 17371	ala 17372			21037	17376			:
Fallout	•		17834		17326			17979	Hvoraulic Fluids	17852							
Patigue Strength					17336				Hydrazine 17811				17345			17908	Ì
Ferrites 17920A 17651 17920B 17921			17944						Hydrogen				17995			1144	
Ferroelectric Mate	riale					17647			Hydrogen Chloride			17704					
Ferrous Ion (+2)							17908		Hydrogen Peroxide 17811								
Fiberglass 17270					17696				Hydrogen Product Hypelon 30	17612		17704	17695			1735A	
Fillers Film		17643					•		Hypervelocity Part	icles see	also Micro	meterorite					17829
17641 Film Dominatry									Ignition Temperatu	re		17634			17957		
Filters					17316	17657			In Air 17361A							17:50	17899A
Fission Chamber		17653				17297			ri Joh							17358	17339 17829 17949
Fission Fragments 17270		-,0,5							Incomel X 17931								-1,77
Flash X-Ray Device			17894	17645		17657			Inert Atmosphere e In Fuels	ee Specifi	Bnvironm	ent					
Flight Control Sys	74 86						17200	17329	In Helium								17829 ·
17930 Flotation Fluids									In l'itrogen								17940
Fluorocarbons see	also Speci	fic Polyme	r			17267			In Oxygen								17339
18000 Fluorescence								17339 17 829	Indium Antimonide 17661 Indium Oxide					1.7896C			
Fluorescence Forsterite						17857			Induced Current					17956			
Forward Current Tr	unefer Ret	10						17 9 39	17650		17823A 17823B			17616			,
17351 Forward Voltage Dr	.ob 11355							17000	Infrared Detectors		17343			1,7896A	17297		
Free Radicals	17709	17363						17929	Infrared Spectra 17701				17855	178968			
Frankel Defects	411.50	-,,,,,				17357			Injun I		17993		-19//				
Friction 17300									Insulation			17944		17356			17850R
Firel Elements 17270 Fuels	17932					17377								17616 17656			
e servand			17624										•	17926			

-11	
-----	--

1780	•	,					-110-									i
Part	Insulation Resistance								17892	17623	17834	17815	17296	17307	17610	17659
	•	177#	-	17376			176 39 176 90		17912 17962	17933		17895 17955	17526 17696	17967 17957	17668 17668	17899
The part	In Vacuum see Vacuum							Modulum of Rupture	17992			17995	17906		T1810	i mare-
The content	17940 ·	1781	17815		*			-							,	i
The content	Ionization Current	**************************************						-	17372 e		17854				1 7848	11309
The content	17	78238								17633			180			
Section Sect	17371		17895							,-/	great.t.	17955	11596			,
Part			17695					Hylar	144-	T(033	T134#					•
Martin		1762						17701 MALCO 305	11355		17604					
Control Part Part									etor		#105#					
Teach Page	17351	-,		17926)7 300	Matural Rubber 17700								1
Part 1985	Klystrons					1707A	-1,509									ì
The content	Kruft Paper		1761=			-, +30		Neutron Flux			17984	,				
Marches	Krypton	170						17890 17931 Neutron Scattering								
Marie	17830 17741 17			1 mpnde			17369	Neutron Spectrum 17931				17825				
The state The	Lead Silicate	1960		*10 /0 8			17680	•	etor			17995	17296	**- *		
March State 1987 1987 1988	Lend Sulfide	1769		17806#			* (1047)	Nickel								
Part	Lead Telluride			. (<i>σ</i> 908	17627			17911 Nickel Alloys			am.1 ·			17667		
Sealogy 1970	•							17920A 17931		17373	179444					1997-
Patent Property											1760L					17,369
Part								Nitrile			* 105#					17820
Claim Proper Pr	17811	1762	h 17995			17618 17808		17341		4						2,05.7
Color Process 1935 1966 196					17A37		17639	Mitrogen Oxide		17643						
Concess 1700			17315					17811					ייטנו			
California 1985 1						17838			mlan Pulse	d Radiation	i for Sim		ita	17617		179194
1750 1760	-		17375		17327			17831			-11114	~1°27	17526	*1011		179198 170190
Things				17826				Huclest Emulations								17970
Marie Mari					17347			17611								
Magnoralism Prospitts Northworks 1700k 1	Liminescence				178274					17363						
Procession Principle Procession Procession Processi	M-19 Blectrical Steel							-	-avion					17947		
1780 1780	Hugmesium Phosphite Nexabydrate		-1				17200	-		17623					17638	
New Notice Core 1700 170	Hagnesium Titemete				17757										17858	
Minchant Memorals					121			17A10	e also spe	eific kind						
Charlisteroporposes Charlisteroporposes	Magnetic Devices 17920							Nuclear Weapons					17326			
Manufactic Nace-rials 17944 17954 1796 17647 17948 17948 17950 17951 17951 17951 17952	Megnetic Flux Value						17659	18000								Commercial and
Marie Proper 1651 1756 1756 1756 1767	17920 17651	1794	i ķ	17986	17647											17859A
Name	Magnetic Properties 17651							optical Absorption		178:3	17304	1736%				
Manner 1759k 17626 17626 17626 17626 17626 17627 176	Magnetic Tape 17920							Optical Properties		178124	±1094			170		1707
Mancames	•	1735	ille							178138				¥1037		T1500
Mathematical Analysis see Theoretical Models				17626				Optica		a procession				17207		
Memory Cores		rtical Madel-					179694	17280 17311			17624	17345		17267	1752R	17200
Company Comp								17360 18000	(**		17704	17695		17697	1760A	17359
Mercury	179208	*1=0						Organic Products 18000						21		J₹
Metals and Ceramics		1794	4					Output Voltage 17920				17355			, . • •	-
Metals and Ceremics		-13-						Oxacyclobutane	17362			. •				
17370 17681 17642 17663 17684 17377 17376 173776 173	17270 17371 17372 17	7373 1766	Sh 17365	17336	17327	17368	17349									
1766	17370 17851 17642 17 17380 17901 17852 17	7613 1769 7663 1782	* 17375 * 17665	17376 17836	17377 17667	17378	17369 17379									17350
Paper see also Apper/short Particles and Micrometerorites 17606 Paper see also apacific paper 17615	17660 17 17830 17		17865	17986	17847 17857		17839		нев Іп Оку	ACCUSA.						
17606		p Papetal	nd Misses-1	-			17 95 9	Paper see also spec	ific paper			1761<				1.1560
17612 Particle Accelerators are Accelerators Particle Accelerators		vicies 4	_m micromater	→= 10世界		17806		17290				A 1017				
1798	17612							Particle Accelerato								
1751	17702							Peel Strongth 17341	•							
17641	17531 Microfilm		17635	17656				Pennsylvania State	University 17822	Renearch	Reactor	17825				
1727 Phenv1 Cyclohexadiene Product	17641 Micrometerorites see also Hyperv	velocity Part	icles									· · · · · ·		17697		
1792k 17626 1794a Phonon Absorption Panda Electrical 17649	17271 Hicrowave Devices														1790°A	
	17921 Elinority Carriers			17626			17949	Phonon Absorption F							••	
		1735	4													

								-119-										
Phosphates *						17857			Reactor	Materials	se also Fu	el Klement	e and Shie	lding		17377		
Photoconductivity 17531	17352			1730 5 1761 5 1763 5	17306				Read/Wri 17930 Recoil A				17944	1000		** 311		
Photographic Dosis 1799D	neters	17643.	17844 17894	1(0))		17917			Rectifie 17910 Reflects					17955				
Photomultiplier Tu	avdı	17963		17355				17629	Refracti									17859A
Photonuclear React	tions			17955						ed Flastic	:4			17665				
Photoresponse	•	17973							17340 Relays	1.784410	· -							
Photosensitivity				17355					Reliabil	1+~		17823B						
Physical Propertie	to see speci	fic proper	rty 17354						Resistiv	-						17297		;
Pigments		17333	•					17269	17840	17291 17661		17663 17913			17.846			
Plastic Deformation 17360 Plastic Isminete	on.		17524					17639	17910 Resistor 17630 Resonant		17922							1791 9 A
Platinum 17911			-1/-7				17368	1	Resonato	re		17693	17824A					
Plutonium 17270					17846		_,,,,,,		Reverse	Currents		17693	17824A					17649
Point Defects see	also Defect	Pormation	178248		17666			17369	_									17929
Polybutadiene-Acry	ylia Aeid Pr	opellant	A 11.25					17899A	Reviev A 17300	17271	17692	17343	17524	17345	17 326	17297	17278	17319
Polycarbonates								178998	17840 17950	17841 17921			17814 17834	17935 17975	17 3% 17 9%	17337 1 766 7	17328 17838	17329 17629
Polyethylene							1735A		17960 17990				17964					17859C 17919A
17531 17931 Polyethylene Terep		17363	17614	17635 17895					Rhenium									179198 179190 17959
17701 Polyisobutylene	17352								Rochelle	17911 Salt								17309
Polymerization			17614	17615						xhaust Cha	mber					17697		
17360 17640	17702								Rocket F							1 79 97		
Polymers 17340 17341	17362	17363 17643	17364 17524	17615		17337	17358	17269	Royer Pr				17624					
17640 17361 17700 17531	17612 17702	17643	17614	17635				17339 17699	8A 212B :	-								17309
17701 Polyolečin	17832 .		17654					17829		ulsed Reac	tor			17375				
Polyoxymethylene			17944						17920	17921	17292 17622	17893			17 -2 86 17 -6 26			17949
17361 Polypropylene				****				196~~	Sapphire		/		1796\A					
17531 Polyatyrene	17612		17614	17635				17699	Satellite	17271	17632		72-41	17525				17999
17531			17614	1761 5 1763 5					Saturatio	on Current								
Polyurethane					17656			17829	Saintilla 17690	ation Count		17843	17814	17315				17629
Polyvinylfluoride								17829	17990			17903 17963		17845				
Positron		17903							Seals			T1403		17915		17901		
Potmasium Chloride 17360		2,7-9							Secano M	dulus						17297		3 78nc+
Potassium-Sodium Ti	hrtrate					17697				Flautron	Emission						10610	17899A
Potting Compounds			17524			-1-71			17650 Secondary	Flectron	Spectra) to most		17648	17959
Power Converters			/		17646		1789B		Seebeck (Coefficient	t				17-906	1796-		
Power Voltage					-,		17838		Selenium					19000		17627		
Pressure Transduce	rs see also	Transduce	re			17897	-1		Semicondo	ctor Devi	nes see al	o specifi	device:		olar Celle,		rs, and Red	
Pressure Vessels	17992			17375		-1991			17630 17820	17291 17351	17632	17343 17613B	17344 17354	17295	17€% 17€%	1 72 87 1 72 97	17328 17648	17649 17809
Frennure Vescel Sto		so specifi	c steels	17375					17840	17621 17821A	17922	17823A	17644 17964	17645 17905		17817	17658 17818	17819 17919A
Printed Circuits so 1/930	ee also Cir	cuit Cards)	-1317				17619		178218	17982		17984				17838 17898	17929
Propane				17695	17906			-1747	Semicondi	17951 ector Doeis		and a	3 m0-1	h ma			17958	
Propellents see So. Proportional Count		or specif	ic propel		_,,				17990	17621 17891	17632 17812	17943	17814	17975	174968 174968		17318	17319 17629
Propulsion see Nuc.		, Muclear	Ramjets,	-	or Electr	ric Propul	1791A 110n		Sentora Sheet			17633			17₹%C			17659
Proton Recoil				17695					Shielding	ı					17€%		•	
Fulsed Reactors		17943							17620	17691 17931		17343	17964A 17994			17967	17938C	
17920 17351 17921	17292 17622	17893		17285	17286 17626	17367		17949	Shock	17831			w 1 jyy				17978	
					17646 17856a			•	Short Cir	cuit Curre	ent			17295			17010	•
					17926				Silicates	-1076				-1∈A)			17818	39/
Putt-Putt Project (17947			8111con 17820	17821A	17342	178138	17354	17295	17616	17287	17209	17639A
Pyroelectric Therm 17961	ml Detector									17891	17662	179k3 17973	17964	17305	11-010	17817	17328 17658	17649 17929
Quarts	17532	17693	17824A	17295	17896	17897A		179198			17972	-, 711		17905 17985			17958	
Rader			178248	17365					Silicon D			17833C		A1707	176%			
Hadiosetive Decay (Curves				17696				Siliconés	j.		17333	170448		17 6 %			h man
Radiolysis	17892		65						Siloxanes	ı		±1.333	17654		175%			17829
Rediometer	17272		17364	17695					Silver	•					176%			
=						17957										17667		
Radiowave Transmiss	s ton-																	
Henchor Design					17696			17979	Silver Al	loya						17857		
Henctor Design 17991 Renctor Facilities	17990 see Also sp	pecific fac	cility		17696			17979	Silver Al 17850A Simulatio	'n		17062	17501	17544	10m1	17857		
Henctor Design 17991	17992	ecific fac	cility	17825	17696		17308 17628	17979	17850A			17283	17524	17525 .	173kh		17278 17348	

•															- 1
							- 130-	Temperature 400 to 499 C							1
Single Crystals 17360			:	17376			17899						17327	17378 17 048	1
Sintered							17379	Temperature 500 to 599 C		17664				17848	1
8MAP 17810								Temperature 800 to 899 C					17327	•	17349
Sodium Iodide		,	17915					Temperature 900 and alove	17613		17665				17349
Sodium Silicate		:	17369					Tensile Properties 17270	17853			17336	17327		176994
Solar Celle 17820 17291 17982	17343	17354		17636	17297	17326	17609	Terphonyls 17280 17311						17 526	1
17621	1	17964	17525 17 9 05		17817	17326 17658 17618	17819	Theoretical Model 17630 17951		176hk			17807	17698	- 1
•						17838 17958		Thermal Conductivity			17665				17349
Solar Flares 17620	;	17384		17396			17909	Thermal Environment	17293			17326	17297	17606	17999
Solar Radiation 17271								Thermal Expansion	17333				17997	17926	1
17691 Solder								17830 Thermal Glow							į
Solid Propollants		17944					17 899 A	17360 Thermal Insulation						17618	1
							178998	Thermal Properties		17524				1/610	178999
Solubility 17701								Thermal Resistivity							1,0,,,-
Space Environment 17300 17871 17698	17863	17 38 4 17634	17345	17336 17366 17866	17897	17278 17288	17279	17370 Thermal Testing	_						1
17620 17691 17982 17820 17811	17333	17904	17895	17006	17347 17817 17827	17348 17808	17899A 17899B 17909	Thermionic 17968	2						17889A
	17633	17 99			17967	17818	17999	Thermionic Circuitry		3 march					.,
	17903 17993				17997	17826 17838 17928		Thermionic Diodes		179%					1
Space Andiation	19367	1 200k	17525	17356	17617	17820	17909	Thermionic Emitters		17984					
17:20 17271 17692 17820 17982	17343 17993 pace Vehicle	17994	-1747	~(3)~	ar-rai	_,,		17939 Thermocouples 17911 17950							173C9
17620 17691	17933	17994	17895		17957	17928	17909	Thermometers see also fun	e Speranture Mossu	ring System	•				
Spectral Response						17818		17911 Thermoluminescence Dosima	eter						17969
Spectrograph Spectroseter					17617			Thin Films					17667		I
17690 SPERT IV Pacility	17943							Thorium	17853				-,,		1
Stainless Steels						17628		Threshold Foil Docimeter			17285	17286			17289
17931	17293 17633						17939	17990			17655				i
Stannous Oxide	-1-33			17956				Thyratrons Time Delay						17936	Į
State-of-the-Art Reports sea: Steele see also specific Etee.	16							17930 Tilel Tubes							
17900 17931	17 29 3 17633	17944	17379	17986	17327		17 8 49 17939	Titamates see specific T:	itanetes	17294					178694
Storage						17618		Titenium	17293						ì
Strain Gauge see also Transdu	cers					17808		Titanium Dioxide	17333						1
Strength					178978			Titanium Orida	178338						
Strength 17640 Strontium Titenete				17836	Tiohin			Titanium Oxide							
17640		1730k		17836	110918			Titanium Sulfate	178338				17907		
17640 Strontium Titanste Structural Adhesives Btyrene		1730k 1752k		17836	1 loyle			Titanium Sulfate Toroidal Implosion	178338				17907 17947		
17640 Strontium Titanate Structural Adhesives	•	17524		17836	1 loyis			Titanium Sulfate Toroidal Implesion Tory II-A	178338					17638	
17640 Strontium Titanate Structural Adhesives Btyrene 17702	•			17836	Troy(s			Titanium Sulfate Toroidal Implesion Tory II-A Toughness 17640	17833B 17833A				17947	17638	
17640 Structural Adhesives Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports	•	17524		17836	1109(B			Titanium Sulfste Toroidel Implesion Tory II-A Toughness 17540 Transducers 17810	17833B 17833A					17638	
17640 Strontium Titanate Structural Adhesives Btyrene 17702 Sudden Jonospheric Disturbanc Sulfuric Anodized	17293	17524		17836	1109(B			Titanium Sulfate Toroidal Implesion Tory II-A Toughness 17540 Transducers	17833B 17833A 17623 Pulsed Rediatio				17947 17887 178978		
17640 Strontium Titanete Structural Adhesives Btyrene 17702 Sudden Jonospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902	17293 17233A 17833B	17524		17836	1709/S			Titanium Sulfate Toroidal Implesion Tory II-A Toughness 17540 Transducers 17810 17450 Transient Radiation see I	178338 17833A 17823	or 173bb 176bb	17645	176 4 6	17947 17887	17638 17898	17649
Strontium Titanate Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports Surface Area Surface Effects	17293	17524		17836	1109(8			Titanium Sulfate Toroidal Implesion Tory II-A Toughness 17640 Transdauers 17810 17950 Translators 17630 17630 17531 17622	178338 17833A 17823 Palsed Radiatio	17344		176 h 6	17947 17887 178978		17649
Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports Surface Area Surface Effects 178218 178218	17293 17233A 17833B	17524		17836	1090			Titanium Sulfste Toroidal Implosion Tory II-A Toughness 17640 Transducers 17810 17950 Transletors 17630 17951 17821 17821 17821 17991 Transmitter Transparency	178338 17833A 17623 Paleed Rediatio 2 17343 2 17823A	17344	176 4 5	176h4;	17947 17887 178978		17649
Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902 Surface Area Surface Effects 17821A 17821B Surface Properties 17841	17293 17233A 17833B	17524		17836				Titanium Sulfste Toroidal Implosion Tory II-A Toughness 17640 Transducers 17610 1760 Transistors 17630 17791 17821 17921 Transmitter Transparency 17633 17634 17636	17833A 17623 Poleed Redistic 2 17343 2 17523A	17344		17646	17947 17887 178978		17649
17640 Strontium Titanete Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902 Surface Area Surface Effects 178218 178218 Surface Properties	17293 17233A 17833B	17524		17836	17377			Titanium Sulfste Toroidal Implosion Tory II-A Toughness 17540 Transducers 17810 17460 Translators 17630 17791 17821 17921 Transmitter Transparency 1783 17637 Transmitter Transparency 1783 17637 Transmitter	17833A 17623 17623 Polsed Radiatio 2 17383 2 17523A	17344		176 h ú	17947 17887 178978		17649
Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17802 Surface Area Surface Effects 17821A 17821B Surface Properties 17841 Swelling 17701	17893 178334 178338 17833C	17524 17324		17836				Titanium Sulfate Toroidal Implosion Tory II-A Toughness 17640 Transducers 17810 17960 Transiators 17630 17921 17821A 17821A 17821A 17821 Transmitter Transparency 1763- Trice Method 1763- Trigf Mark-F Reactor 17331	17833A 17623 17623 Polsed Radiatio 2 17383 2 17523A	17344		1764d 1764d	17947 17887 178978		17649
17640 Strontium Titanate Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports Surface Area Surface Effects 17821A 17821B Surface Properties 17841 Swelling 17701 Switch Cores 17920A Switches Tape-Wound Core	17893 178334 178338 17833C	17524		17836				Titanium Sulfate Toroidal Implosion Tory II-A Toughness 17640 Transducers 17810 17960 Translators 17630 17821 17821 17821 17821 17891 Transmitter Transmitter Transparency 1783- Trice Method	17833A 17623 17623 Polsed Radiatio 2 17383 2 17523A	17344	17355		17947 17887 178978		17649 178898
17640 Strontium Titanete Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports Surface Area Surface Area Surface Effects 17821A 17821B Surface Properties 17841 Swelling 17701 Switch Cores 17920A Switches Tape-Wound Core 177020 Terion	17893 178334 178338 17833C	17324		17836				Titanium Sulfate	17833A 17623 17623 Polsed Radiatio 2 17383 2 17523A	17344	17355		17947 17887 178978		
17640 Strontium Titanete Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodised Supersonic Transports 17802 Surface Area Surface Effects 17821A 17821B Surface Properties 17841 Swelling 17701 Switch Cores 17700 Switches Tape-Wound Core 17700	17893 178334 178338 17833C	1732 ⁴	17635	17836			17829	Titanium Sulfate Toroidal Implosion Tory II-A Toughness 17640 Transducers 17810 17960 Translators 17810 17951 17951 Transmitter Transmitter Transparency 17834 17951 Trice Method 1784 Trigd Mark-F Reactor 17351 Triode Triple Excitation 17280 Tubing	17833A 17623 17623 Polsed Radiatio 2 17383 2 17523A	17344	17355		17947 17887 178978		
17640 Strontium Titanete Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902 Surface Area Surface Effects 17821A 17821B Surface Properties 17681 Swelling 17701 Switch Cores 17720A Switches Tape-Neurd Core 17920 Tefion 17531	17293 172334 172338 172336 17238	17324	17635 17355	17836	17377		17829	Titanium Sulfate	17833A 17623 17623 Polsed Radiatio 2 17383 2 17523A	17344	17355	17646	17947 17887 178978		17889 a 17309
17640 Strontium Titanete Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902 Surface Area Surface Effects 17821A 17821B Surface Properties 17681 Swelling 17701 Switch Cores 17720A Switches Tape-Neurd Core 17920 Tefion 17531 Telemetering System	17293 172334 172338 172336 17238	17324	17635 17355	17836	17377		17829	Titanium Sulfate Toroidal Implosion Tory II-A Toughness 17640 Transducers 17810 17960 Translators 17810 17911 Translators 17931 Transmitter Transparency 17834 1793 Trice Method 1784 Trigd Mark.F Reactor 17331 Triode Triple Excitation 17260 Tubing Tungsten Tungsten	17833A 17833A 17823A 17823A 2 17823A 228	17344	17355	17646	17947 17887 178978		178898
17640 Strontium Titanate Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17802 Surface Area Surface Effects 17821A 17821B Surface Properties 17841 Swelling 17841 Swelling 17701 Switch Cores 177020A Switches Tape-Wound Core 177020 Telemetering System Temperature Measuring System Temperature -273 to -201 C Temperature -200 to -101 C	17293 172334 172338 172336 17238	17324	17635 17335		17377			Titanium Sulfate Toroidal Implosion Tory II-A Toughness 17640 Transducers 17810 17960 Translators 17821 17620 17631 17621 17631 Transmitter Transmitter Transmitter Transmitter Transmitter 17831 Trice Method 17831 Trice 17331 Trice 17331 Trice Triplet Excitation 17280 Tubing Tungsten	17833A 17823 17623 Paleed Radiatio 2 17823A 2 17823A	17344	17355	17646	17947 17887 178978		178698 17309 17369
17640 Strontium Titanate Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902 Surface Area Surface Effects 17821A 17821A 17821B Surface Properties 17821B Swelling 17701 Switch Cores 177020A Switches Tape-Wound Core 177020 Tellon 17531 Telemetaring Gystem Temperature -273 to -201 C Temperature -200 to -101 C 17850A 17661 17322 17850A 17661 17322 17850A 17661 17322	17293 172334 172338 172336 17238	17324	17635 17335	17836 17896A 17896C	17377		17829 17699	Titanium Sulfate Toroidal Implosion Tory II-A Toughness 17640 Transducers 17640 17640 Translators 1630 17931 17931 Transmitter Transparency 17633 Trice Nathod 17647 Trigf Mark.F Reactor 17331 Tride Triget Excitation 17280 Tungaten Tungaten Tungaten Tungaten Tunnel Diodes Ultimate Tensile Strength University of Mississippi	178338 17833A 17823 Paleed Radiatio 2 1783 2 17823A 228 22	17344	17355	17646	17947 17887 178978		17889 a 17309
17640 Strontium Titanate Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902 Surface Area Surface Effects 17821A 17821A 17821B Surface Properties 17821B Swelling 17701 Switch Cores 177020A Switches Tape-Wound Core 177020 Tellon 17531 Telemetaring Gystem Temperature -273 to -201 C Temperature -200 to -101 C 17850A 17850C 17850D 17850D 17850D	17293 172334 172338 172336 17238	17324	17635 17335		17377			Titanium Sulfate Toroidal Implosion Tory II-A Toughness 17640 Transducers 17640 17640 17640 17630 17631 17621 17621 17621 17621 17631 Transmitter Transparency 17633 Trice Nethod 1764 Trigf Mark.F Reactor 177351 Tride Triplet Excitation 17760 Tubing Tungsten Tunnel Diodes Ultimate Tensile Strength University of Mississippi 17730 Unaymetrical Dimethyl Red	178338 17833A 17823 Paleed Radiatio 2 1783 2 17823A 28 28 28 40 1 Accelerator	17344	17355	17646	17947 17887 178978		178698 17309 17369
17640 Strontium Titanate Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902 Surface Area Surface Area Surface Ffects 17821A 17821A 17821A 17821A Switch Cores 17920A Switches Taps-Wound Core 17720A Switches Taps-Wound Core 17720A Telemetaring Gystem Temperature -273 to -201 C Temperature -200 to -101 C 17850A 17650 17650 176500 Temperature -100 to -1 C 17850A 17661 17360 Temperature -100 to -1 C 17850A 17650B 17650C	17293 17633A 17633B 17633C	17324	17635 17335		17377	1765 8		Titanium Sulfate Toroidal Implosion Tory II-A Toughness 17640 Transducers 17640 17640 17640 17650 17631 17621 17621 17621 17621 17621 17621 17621 17631 Transmitter Transparency 17633 Trice Nathod 1764 Tripf Mark.F Reactor 17351 Tripde Excitation 17280 Tubing Tungsten Tunnel Diodes Ultimate Tensile Strength University of Hississippi 17301 Unaymetrical Dimethyl Red 17611 Uranium	178338 17833A 17823 Paleed Radiatio 2 1783 2 17823A 28 28 28 40 1 Accelerator	17344	17355	17646	17947 17867 178978	17898	178698 17309 17369
17640 Strontium Titanate Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902 Surface Area Surface Effects 17821A 17821A 17821A 17821A Surface Properties 17841 Swelling 17701 Switch Cores 17920A Switches Taps-Wound Core 17720A Telemetaring Gystem Temperature -273 to -201 C Temperature -273 to -201 C Temperature -273 to -201 C 17850A 17650 17850C 17850C 17850C 17850B 17850C 17851B 17702 17851B 17702 17851B 17702 17851B 17702	17293 176334 176336 176336 176238	17324 17324 17264 17704	17635 17335	17096A 17096C	17377 17957 17847			Titanium Sulfate Toroidal Implosion Tory II-A Foughness 17640 Transducers 17640 17640 17640 17640 17640 17640 17641 17621 17621 17621 17621 17621 17621 17621 17621 17631 Transmitter Transparency 17633 Trice Nethod 1764 Tripe Mark.F Reactor 17351 Triode Triplat Excitation 17280 Tubing Tungsten Tunnel Diodes 17612 Ultimate Tensile Strengte University of Hississippi 17301 Unsymetrical Dimethyl Red 17611 Uranium 17270 Uranium 17270 Uranium Carbide	178338 17833A 17623 Polsed Redistic 2 17383 2 17523A 28 28 29 41 Accelerator Graine	17344	17355	17646	17947 17887 178978		178698 17309 17369
17640 Strontium Titanete Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17802A 17801A 17801A 17801B Surface Area Surface Ffects 17801A 17801B Surface Properties 17801A Switch Cores 17900A Switches Taps-Wound Core 17702O Tellon 17531 Telemetaring Gystem Temperature -273 to -201 C 17850A 17650 17850C 17850C 17850C 17850B 17850C 17851B 17626 17871 Temperature -000 to -1 C 178780 17871 Temperature -000 to -1 C 178780 17871 Temperature -000 to -1 C	17893 178334 178338 178336 178238	17324 17324 17324 17704 17704	17635 17355 17365 17635		17377	17658 17658		Titanium Sulfate Toroidal Implosion Tory II-A Toughness 17640 Transducers 17610 17650 Translators 17630 17731 17821 17821 17821 17831 Transmitter Transparency 17635 Trice Method 1764 Trigh Mark-F Reactor 17331 Triode Triple Excitation 17280 Tungsten Tunnel Diodes 17635 Ultimate Tensile Strength University of Mississips 17301 Unaymetrical Ulmethyl Not 17511 Uranium 17511 Uranium 17511 Uranium	178338 17833A 17623 Polsed Redistic 2 17383 2 17523A 28 28 29 41 Accelerator Graine	17344	17355	17646	17947 17867 178978	17898	17309 17309 17369
Trifico Structural Adhesives Structural Adhesives Structural Adhesives Structural Adhesives Structural Adhesives Structural Adhesives Surface ITOC Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902 Surface Area Surface Effects 17821A 17821B Surface Properties 17841 Switch Cores 17920A Switches Tape-Mound Core 17700 Telemetaring System Temperature -273 to -201 C 17950A 17661 177310 17690 17690 17690 17690 17690 17690 17690 17600 177900 Temperature -100 to -1 C 17891 Temperature -17891	17293 176334 176336 176238 176238	17324 17324 17324 17364 17664 17864 17891	17635 17335	17096A 17096C	17377 17957 17647			Titanium Sulfate Toroidal Implosion Tory II-A Toughness 17640 Transducers 17810 17820 17820 17830 17831 17821 17821 17821 17821 17821 17821 17831 Transmitter Transparency 17833 Trice Nethod 17831 Tride Triple Excitation 17280 Triplet Excitation 17280 Tungsten Tunnel Diodes 17612 Ultimate Tensile Strength University of Mississippi 17301 Unaymetrical Dimethyl Net 17611 Uranium 17270 Uranium 17270 Uranium 17270 Uranium 17912 Vacancy Diffusion Vacuum	178338 17833A 17623 Polsed Radiatio 2 17383 2 17383A 28 28 28 21 20 21 21 22 22 23 24 25 26 27 26 27 26 27 27 28 28 29 20 20 21 21 22 22 22 22 22 22 22 22 22 22 22	17344	17355	17646 17656	17947 17867 17877 17287	17898	17309 17309 17369 17369
Tricko Strontium Titanete Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17902 Surface Area Surface Effects 17821A 17821B Surface Properties 17841 Swelling 17701 Switch Cores 17920A Switches Tape-Nound Core 17920 Telon Temperature Measuring System Temperature -200 to -101 C 17850A 17850B 17850C 1785	17293 176334 176336 176238 176238	17324 17324 17324 17704 17704 17664 17894 17914	17365 17365 17635 17635 17685	17096A 17096C	17377 17957 17647		17699	Titanium Sulfate	178338 17833A 17623 17623 2 17383 2 17383 2 17623A 2 17663 2 17363 2 17363	17344	17355	17646	17947 17867 17877 17287	17898	17309 17369 17369 17369 17699 17269
Trifoo Strontium Titanate Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17802 Surface Area Surface Effects 17821A 17801B Surface Properties 17821B Surface Properties 17920A Switch Cores 17920A Switches Tape-Wound Core 17920A Telemetaring Gystem Temperature -273 to -201 C Temperature -273 to -201 C Temperature -273 to -201 C 17850A 17850C 17850C 17850C 17850C 17851B Temperature -100 to -1 C 17860C 17871 Temperature -0 to 99 C 17380 17380 17380 17381 17382 17390 17851 17892 17890 17851 17892 17890 17851 17892 17890 17851 17892 17890 17851 17892	17293 176334 176336 176238 176238	17324 17324 17324 17364 17664 17864 17891	17635 17355 17365 17635	17096A 17096C	17377 17957 17647			Titanium Sulfate Toroidal Implosion Tory II-A Foughness 17640 Transducers 17610 17620 17630 17631 17631 17631 17631 17631 17631 Translators 17631 17631 17631 Transmitter Transparency 17632 17634 Trice Method 17634 Trice Method 17634 Trice Method 17635 Trice Method 17635 Trice Method 17636 Trige Mark.F Reactor 17331 Triode Triplet Excitation 17630 Tubing Tunnel Diodes Ultimate Tensile Strengte University of Hississips 17700 Unanium 17631 Uranium 17701 Uranium	178338 17833A 17623 17623 2 17383 2 17383 2 17623A 2 17663 2 17363 2 17363	17344	17355	17646 17656	17947 17867 170078 17267 17377 17347 176274 176274	17898	178698 17369 17369 17369
Tricko Strontium Titanate Structural Adhesives Btyrene 17702 Sudden Ionospheric Disturbanc Sulfuric Anodized Supersonic Transports 17802 Surface Area Surface Effects 17821A 17821B Surface Properties 17841 Swelling Tricki Swelling 17701 Switch Cores 177020A Switches Tape.Mound Core 177020 Telemetaring System Temperature Measuring System Temperature -273 to -201 C 17750A 17651 17750B 17652 17750B 17652 17750C 17750B 17652 17750C 17751 Temperature -100 to -1 C 17751 17751 17752 17750 17751 17752 17750 17751 17752 17750 17751 17752 17750 17751 17752 17750 17751 17752 17750 17751 17752 17750 17751 17752 17750 17751 17752 17750 17751 17752 17770	17293 176334 176336 176238 176238	17324 17324 17324 17704 17704 17664 17894 17914	17635 17365 17635 17635 17615	17096A 17096C	17377 17957 17647		17699 17379	Titanium Sulfate	178338 17833A 17623 17623 2 17383 2 17383 2 17623A 2 17663 2 17363 2 17363	17344	17355	17646 17656	17947 17867 17867 17267 17377	17898	178698 17369 17369 17369 17839 17839 17839 17839

•								-121-									
Van Allen Madiation 17820 17871	n Melta	12002	1704	17000								SHOT YOU AUTHOR	III Ma				i
Vapor Pressure		17993	17904 17 99 4	17505	173%	17817		17909									
Varnish					17826				Aboms, J. A.								17689
Video-Differential			17944C						Abremova, T. Ya.		17643						
17930 Voltage									Achter, M. R.					17336			
Voltage Pulse							17938	17819	Administry, R. L. Administry, A. V.				173 ⁴ 5				
Voltage Regulation					17616				Agasha, V. Y.		17833						
Yoltage-Tunable Mag	17972 gnetron	176238							17910 Ahrens, R. V.								
Yulconisation					17626			17949	Alexopoulous, K. D.							17908	17529
17700 Weight Loss		17643							17661 Alger, D.								
Vigner Energy Store	NØ4							17899₽	1790l Allen, J. M								
Wind Tunnel						17997			Altenn, L. J.								17899
Vire	17372	17373			17656	11661			Ammilianitz, 8.							1 1116	17299
Wood	17522	21313			1,0,0				Amorosi, D. H.							17368	
Mood 17640 Xenon				1					Andermon, A. I.						17687		
Xerographic Plates			17964						Anderson, V. R.				17845	17926			
X-Ray Redistion Fed	111 ty			17355					Armstrong, D. A.			17704	1.104)				
X-Ray Tube			17894	17645		17657			Aronson, R. 17900			11100					
Yield Strength	17952		17 89 4						Ascoli, A.		17373						
17371 Yield Stress									Asine, J. B. 17690		-1313						
Young's Modulus 17370								17369	Attix, P. H.						17857		
Zener Diodes	17972								Aukerman, L. V.	17342	17813	17914				17326	
Zine Sulfide	-17/5	17333						17269	Austin, W. S.		17653						
Zine Titemate		-1003				17357		Lizoy	Back, R. A.				17695				
Zirconium Carbide	17932					-1371			Balai, W.				17375				
Zirconium Mydride 17931									Bailey, T. W. 17691								
									Baladjenian, G. 17891								
									Balkanski, M. Barber, C.	17662			17855				
									17901 Barker, R.								
												17364					
									Berker, R. S.			17694					
									Baroody, E. H.		17613						
									Barrell, R. C.								17929
									ductor, N. A.	17272							-1,,
									Bearden, J. A.	17952							
									Beck, A. J.	-1//-							17909
									Bouvers, C. J.							17848	-1,7-,
									Bellamy, R. G.							17378	
									Bement, Jr., A. L.		_					11210	
									Benck, R. F.		17853						
									Benning, R. J.		17893						
•									Borger, H.				17345		10010		
									Berlman, I. B.				17845		17917		
									Bernstein, B. S.	17832		17614	110-7				
									Bevens, J. T.		17293	_,					
									Sierman, A.		-,-,-			17316			÷
									Bilaniuk, Olexa-Hyr	ON			17975				٠.
									Planngard, B.								17969
									Blachly, Ch. H.							17526	
									Blair, R. R. 17821 Blau, H.								
									Bloch, R.J.K.								17859
									Bobone, R.				17375				
									Bochard, G. H.							17658	
									Booker, H. G.						17657		
									Boothe, R.H.F. 17350					17526			
						*			17350 Botvinkin, O. K.								
									Bouchard, G. H.			1 milet		17956			
									Boudresux, E. J.			17894					
									Bowman, W. C.	,	17963						1758)
											-12-3						,

· :																	
									Dondes, S. 172 7 0								
Brass, R. A. 17611						•			Donnelly, M. M.								
Bridge, H. 17370									17820 Doughamn, C. L.				17625				
Bringer, R. P.								17339	Driesner, A. R.		17933						
Bronley, D. A.								17319									17309
Brown, V. L.								11313	Droege, J. W.								17899
Decoming, Jr., V.	. z.					17617			Dungen, W. S.								17289
Brugger, R. H.				17665					Dunne, B. D.						17947		
1 . 17311									Engley, J. V.						-12-1		
Desci, Jr., H. V.	•	17933							17841 Edegum, H.								
Duchalov, V. H.					17286				Edeakuty, F. J.		17973						1
Burnett, J. R. 17810									Riven, C. J.							17858	
Burnett, W. D.												17994					
Burrell, M. O.	17682								Bealie, A. G.							17618	
Bush, E. G.		•		17/95					Erioman, J. 0. 17831								
Byurgenovekaya, G	17632								Bring, C. T.							17528	
l				17365					Evane, H. R.		17633				1 72h7	-12	
Caldrell, R. L.							17918				21033				17347 17827		
Caldwell, R. S.				17645					Feleleyev, G. A.					17986			
Callessey, R. F.		17653							Palk, R. A.						17267		
Calliben, F. H.		-11-33				17267			Palkenbury, R. F.			17904			-11		
Calmo, E. E.				,		-1201			Pan, H. Y.			~17U#					
Comeron, Jr., H.	A.			17935					Ferguson, A.T.G.				17985				
17390 Campbell, P. J.									Pessler, E.							17318	
Carpenter, F. D.					173%					17892							
	17938	•							Field, D. E.								17869.
Carriker, A. V.			17994						Fieno, D. 17901				17885				
Carroll, J. B.		17963							Finch, W. L.						17297		
Omah, B. L. 17290									Pischer, H.						-1-21		17859
Cheo-chien								18600	Fisher, Jr., H. F.								11079
Childe, B. G.								17639	Flatley, T. V.		_				17887		
Chow, J. G. Y.		17663									17633				173 47 17827		
Clark, P. 17371									Floming, J. D.					17836	_,_,		
17900 Clime, T L.									Foelsche, T.	12000				110,0			,
011, 1 2.		17903							Formen, R.	17902							
Collins, C. G.												17984					
Compton, D.M.J.								17379	Fox, T. A. 17901				17885				
Conred, S. E.			17354		17616				Frankel, N. E.				1007				
	17352																
Cooper, J.									Framer, D. B.		_			17346			
17961											17693			1(340			
Cooper, Martin, J.	•								Free, J. J.		17693			1(340			17 9 39
Cooper, Martin, J. 17951 Coppage, P. H.	•			17614					Free, J. J. Freundlich, M. M.		17693			17826			17939
Cooper, Mertin, J. 17951	•			17615					Free, J. J. Freundlich, M. M. Friedland, S. S.		17693 17943						17939
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K.	•			17615		17627			Free, J. J. Freundlich, M. M.	17532				17626			17 9 39
Cooper, Martin, J. 17951 Coppage, F. N. Corelli, J. C. Cormelius, G. K. 17811	•			17615		17627		17279	Free, J. J. Freundlich, M. M. Friedland, S. S.	17532			1 <i>78</i> 05				17939
Cooper, Martin, J. 17951 Coppage, F. N. Corelli, J. C. Cornelius, G. K. 17811 Courtois, D. A. 17810				17615		17627	17888	17279	Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A.	17532			17825	17626			17939
Cooper, Martin, J. 17951 Coppage, F. N. Corelli, J. C. Cormelius, G. K. 17811				17615		17627	17888		Free, J. J. Freundlich, M. M. Friedland, S. S. Fueyo, A. Gabrovsek, 7.	17532			17825 17645	17626			17939
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K. 17811 Courtois, D. A. 17810 17930				17615		17627		1727y 17269	Free, J. J. Freundlich, M. M. Friedland, S. S. Fueyo, A. Gobroveek, 7. Gage, D. S. Gain, R. Galanter, L.	17532		176 6 4		17626			17939
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K. 17611 Courtois, D. A. 17610 17930 Cowling, J. E. Cox, J. M.		17623		17615		17627	17 888		Free, J. J. Freundlich, M. N. Friedland, S. S. Fueyo, A. Gabrowek, 7. Gare, D. S. Gain, R. Galanter, L. 17621	17532		1766a		17626			17939
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K. 17811 Courtois, D. A. 17810 Coviling, J. E. Cox, J. W. Craig, C. L.		17623		17615	17696	17627			Free, J. J. Freundlich, M. M. Friedland, S. S. Fueyo, A. Onbrowek, 7. Once, D. S. Onin, R. Onlanter, L. 17621 Onrther, L. B.	17532		17664		17626			17939 173 2 9
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K. 17811 Courtois, D. A. 17810 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M.		17623		17615	1 765 6 175 2 6	17627			Free, J. J. Freundlich, M. M. Friedland, S. S. Fueyo, A. Gabrowek, 7. Gare, D. S. Gain, R. Galanter, L. 17621 Garther, L. B. Outzek, L. E. 17340	17532	17943	176 9 a	17645	17626			
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K. 17811 Courtois, D. A. 17810 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W.		17623	1790Å	17615		17627			Free, J. J. Freundlich, M. M. Friedland, S. S. Fueyo, A. Gohrowek, 7. Gare, D. S. Gain, R. Galanter, L. 17621 Gardner, L. B. Outzek, L. E. 17340 Gaz, R. A.	17532	17943		17645	17626			
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cormelius, G. K. 17811 Courtois, D. A. 17810 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, M. Cranford, J. E.			1790Å	17615		17627			Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gabrowek, 7. Gare, D. S. Gain, R. Galanter, L. 17621 Gardner, L. B. Outzek, L. E. 17340 Gas, R. A. Gercke, R. H. J.		17943	176 6 4	17645	17626			
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K. 17811 Courtois, D. A. 17810 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W.	·	17623	1790 4	17615		17627			Free, J. J. Freundlich, M. M. Friedland, S. S. Fueyo, A. Gohrowek, 7. Gare, D. S. Gain, R. Galanter, L. 17621 Gardner, L. B. Outzek, L. E. 17340 Gaz, R. A.	17272	17943		17645	17826			
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K. 17611 Courtois, D. A. 17610 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Crosby, J. K.			1790 4	17615		17627			Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gabrowek, 7. Gare, D. S. Gain, R. Galanter, L. 17621 Gardner, L. B. Outzek, L. E. 17340 Gas, R. A. Gercke, R. H. J.		17943		17645	17626			
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K. 17611 Courtois, D. A. 17610 17930 Cowling, J. E. Cox, J. M. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Crosby, J. K. 17631 Curran, D. R.	·		17904	17615		17627			Free, J. J. Freundlich, M. M. Friedland, S. S. Pheyo, A. Onbrowek, 7. Oare, D. S. Oain, R. Galanter, L. 17521 Oarther, L. B. Oatzek, L. E. 17380 Gas, R. A. Gercke, R. H. J. Oerstein, B.	17272	17943		17645	17826	17367		
Cooper, Martin, J. 17951 Coppage, F. H. Corellis, J. C. Cornellis, G. K. 17611 Courtois, D. A. 17610 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Crosby, J. K. 17631	·			17615		17627			Free, J. J. Freundlich, M. M. Friedland, S. S. Fleyo, A. Onbrowek, 7. Gare, D. S. Gain, R. Galanter, L. 17621 Garther, L. B. Gutzek, L. E. 17380 Gas, R. A. Gercke, R. H. J. Gerstein, B. Getler, M. Giberson, R. C.	17272	17943		17645	17826	17367	17350	
Cooper, Martin, J. 17951 Coppage, F. H. Corellis, J. C. Cornellis, G. K. 17611 Courtois, D. A. 17610 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Crosby, J. K. 17631 Curran, D. R. 17631 Curran, D. R. 17631 Curran, C. G.	·		1790 4	17615		17627			Free, J. J. Freundlich, M. M. Friedland, S. S. Fleyo, A. Onbrowek, 7. Gare, D. S. Gain, R. Galanter, L. 17621 Garther, L. B. Gatzek, L. E. 17360 Gas, R. A. Gercke, R. H. J. Gerstein, B. Getler, H. Giberson, R. C. Glasstone, S.	17272	17943		17645	17826	17367		
Cooper, Martin, J. 17951 Coppage, F. H. Corellis, J. C. Cornellis, G. K. 17611 Courtois, D. A. 17610 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Croby, J. K. 17631 Curren, D. R. 17631 Curtindale, E. G. Demask, A. C. L. Demask, A. C. 17051	·			17615		17627			Free, J. J. Freundlich, M. M. Friedland, S. S. Fueyo, A. Onbrowek, 7. Oace, D. S. Gain, R. Galanter, L. 17521 Garther, L. B. 17380 Gax, R. A. Gercke, R. H. J. Gentein, B. Getler, M. Giberson, R. C. Glasstone, S. Geldstein, B.	17272	17943		17645	17826 17896	17367		
Cooper, Martin, J. 17951 Coppage, F. H. Corellis, J. C. Cornellis, G. K. 17611 Courtois, D. A. 17610 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Croby, J. K. 17631 Curran, D. R. 17631 Curtindale, E. G. Demask, A. C. Demask, A. C. 17051 Date, R. V. 18000	·			17615		17627		17869	Free, J. J. Freundlich, M. M. Friedland, S. S. Fueyo, A. Onbrowek, 7. Oare, D. S. Gain, R. Galanter, L. 17521 Garther, L. B. 17380 Oax, R. A. Cercke, R. H. J. Oenstein, B. Getler, M. Giberson, R. C. Glasstone, S. Ocldstein, B. Graft, R. D.	17 272 1753 2	17943	179 h h	17645 17655	17826 17896	17367		
Cooper, Martin, J. 17951 Coppage, F. H. Corellis, J. C. Cornellis, G. K. 17611 Courtois, D. A. 17610 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Croby, J. K. 17631 Curran, D. R. 17631 Curran, D. R. Curtindale, E. G. Demask, A. C. 17051 Date, R. V. 18000 Datts, S. K.	·	17323		17615		17627		17869	Free, J. J. Freundlich, M. M. Friedland, S. S. Fueyo, A. Onbrowek, 7. Oace, D. S. Gain, R. Galanter, L. 17521 Garther, L. B. 17380 Gax, R. A. Gercke, R. H. J. Gentein, B. Getler, M. Giberson, R. C. Glasstone, S. Geldstein, B.	17272	17943		17645 17655	17826 17896	17367	17358	
Cooper, Martin, J. 17951 Coppage, F. H. Corellis, J. C. Cormelius, G. K. 17811 Courtois, D. A. 17810 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Cranford, W. Crawford, J. E. Cropper, N. H. Crosby, J. K. 17831 Curran, D. R. 17831 Curtindale, E. G. Damaak, A. C. 17051 Date, R. V. 18000 Dutts, S. K. Daunert, U.	·			17615		17627		17869	Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gabrovek, 7. Gare, D. S. Gain, R. Galanter, L. 17621 Garther, L. B. Oatzek, L. E. 17340 Gar, R. A. Gercke, R. H. J. Gerstein, B. Getler, M. Giberson, R. C. Glasstone, S. Geldstein, B. Graft, R. D. Graft, R. D. Grafton, J. C. Gruy, B. S.	17 272 1753 2	17943	179 h h	17645 17655	17826 17896	17367		
Cooper, Martin, J. 17951 Coppage, F. H. Corellis, J. C. Cornelius, G. K. 17611 Courtois, D. A. 17610 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Crooby, J. K. 17631 Curran, D. R. 17631 Curran, D. R. 17631 Curtindale, E. G. Demask, A. C. 17051 Date, R. V. 18000 Dotte, S. K.	·	173 2 3		17615		17627		17869	Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gabrovek, 7. Gare, D. S. Gain, R. Galanter, L. 17621 Garther, L. B. Oatzek, L. E. 17340 Gau, R. A. Gercke, R. H. J. Gerstein, B. Getler, M. Giberson, R. C. Glasstone, S. Geldstein, B. Graft, R. D. Grafton, J. C. Gruy, B. S. 17370 Gruy, B. S. 17370 Gruy, B. S.	17 272 1753 2	17943	179 h h	17645 17655	17826 17896	17367	17358	
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K. 17611 Courtois, D. A. 17610 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Crooper, W. H. Crooby, J. K. 17631 Curran, D. R. 17631 Curtindale, E. G. Demask, A. C. Demask, A. C. 17051 Date, R. V. 18000 Dotta, S. K. Demmert, U. 1738	·	17323		17615		17627	17638	17869	Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gabrowek, Z. Gare, D. S. Gain, R. Galanter, L. 17621 Garcher, L. B. 17340 Gos, R. A. Gercke, R. M. J. Gerstein, B. Getler, M. Giberson, R. C. Glasstone, S. Goldstein, B. Graft, R. D. Graft, R. D. Gray, B. S. 17370 Gray, P. D. 17811	17 272 1753 2	17943	179 h h	17645 17655	17826 17896	17367	17358	
Cooper, Martin, J. 17951 Coppage, F. H. Corelli, J. C. Cornelius, G. K. 17811 Courtois, D. A. 17810 Coving, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Crosby, J. K. 17831 Curran, D. R. 17831 Curtindale, E. G. Damaak, A. C. 17851 Date, R. V. 18000 Datts, S. K. Daunert, U. 17380 Davidson, J. M.	·	173 2 3		17615		17627	17638	17869	Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gabrowek, Z. Gare, D. S. Gain, R. Galanter, L. 17621 Garcher, L. B. 17340 Gas, R. A. Gercke, R. H. J. Gerstein, B. Getler, M. Giberson, R. C. Glasstone, S. Geldstein, B. Graft, R. D. Graft, R. D. Gray, B. S. 17370 Groy, P. D. 17811 Gaber, W.	17 272 1753 2	17943	179 h h	17645 17655	17826 17896	17367	17358	17329
Cooper, Martin, J. 17951 Coppage, F. H. Corellia, J. C. Cornellia, G. K. 17811 Courtois, D. A. 17810 Coving, J. B. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Crosby, J. K. 17831 Curran, D. R. 17831 Curtindale, E. G. Damaak, A. C. 17851 Date, R. V. 18000 Datts, S. K. Deunert, U. 17380 Davidson, J. M. Dearmaley, O. Delavignette, P.	·	173 2 3		17615		17627	17638	17869	Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gabrowek, Z. Gare, D. S. Gain, R. Galanter, L. 17621 Garber, L. B. 17340 GRE, R. A. Gercke, R. H. J. Geratein, B. Getler, M. Giberson, R. C. Glasstone, S. Goldstein, B. Graft, R. D. Graft, R. D. Graft, R. D. Graft, R. D. 17370 Gruy, P. D. 17611 Gabor, W. Commel, M. K.	17 272 1753 2	17943	179 h h	17645 17655	17626 17686 17686	17367	17358	17329
Cooper, Martin, J. Cooper, Martin, J. 17951 Coppage, F. H. Cornelius, G. K. 17610 17610 17930 Cowling, J. E. Cox, J. M. Craig, C. L. Crain, C. M. Cranford, W. Cranford, W. Crawford, J. E. Cropper, M. H. Crosby, J. K. 17631 Curran, D. R. 17631 Curtindale, E. G. Demask, A. C. 17051 Data, R. V. 18000 Datis, S. K. Demmert, U. 17300 Davidson, J. M. Dearmaley, G. Delavignette, P. De Bure, D. G.	·	173 2 3		17615		17627	17638	17869	Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gabrowek, Z. Gare, D. S. Gain, R. Galanter, L. 17621 Garcher, L. B. 17340 Gas, R. A. Gercke, R. H. J. Gerstein, B. Getler, H. Giberson, R. C. Glasstone, S. Geldstein, B. Graft, R. D. Graft, R. D. Graft, R. D. Graft, P. D. 17470 Gruy, P. D. 17611 Gabor, W. Oumml, H. K. Gunn, E.	17 272 1753 2	17943	179 h h	17645 17655	17626 17686 17686	17367	17358	17329
Cooper, Martin, J. Cooper, Martin, J. 17951 Coppage, F. H. Cornelius, G. K. 17610 17610 17930 Cowling, J. E. Cox, J. M. Craig, C. L. Crain, C. M. Cranford, W. Cranford, W. Crawford, J. E. Cropper, M. H. Crosby, J. K. 17631 Curran, D. R. 17631 Curtindale, E. G. Demask, A. C. 17051 Date, R. V. 18000 Datis, S. K. Demnert, U. 17380 Davidson, J. M. Dearmaley, G. Delavignette, P. De Bure, D. G. Dexter, J. F.	176h a	173 2 3		17615		17627	17638	17869	Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gabrovek, Z. Gare, D. S. Gain, R. Galanter, L. 17621 Garcher, L. B. 17340 Gas, R. A. Gercke, R. H. J. Gerstein, B. Getler, H. Giberson, R. C. Glasstone, S. Geldstein, B. Graft, R. D.	17 272 1753 2	17943	179 h h	17645 17655	17626 17686 17686	17367	17358	17329
Cooper, Martin, J. Cooper, Martin, J. 17951 Coppege, F. H. Cornelius, G. K. 17811 Courtois, D. A. 17810 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Crosby, J. K. 17831 Curran, D. R. 17831 Curtindale, E. G. Demaak, A. C. 17051 Date, R. V. 18000 Datis, S. K. Daunert, U. 17380 Davidson, J. M. Dearmaley, G. De Nure, D. G. Dester, J. F. Divite, E. L.	176h a	173 2 3	1765 4	17615		17627	17638	17899 17839	Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gohrowek, 7. Gare, D. S. Gain, R. Galanter, L. 17621 Gardner, L. B. Oatzek, L. E. 17360 Gas, R. A. Gercke, R. H. J. Gerstein, B. Getler, M. Giberson, R. C. Glasstone, S. Goldstein, B. Graft, R. D. Graft, R. D. Graft, R. D. Grafton, J. C. Gruy, B. S. 17370 Gruy, P. D. 17611 Gener, W. Ouemel, H. K. Ounn, E. Ounn, E. Ounn, E. Ournaky, D. H. 17371 Hall, J. D.	17 272 1753 2	17943	179 h h	17645 17655	17626 17686 17686	17367	17358	17329
Cooper, Martin, J. Cooper, Martin, J. 17951 Coppege, F. H. Cornelius, G. K. 17610 17610 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Crosby, J. K. 17631 Curran, D. R. 17631 Curtindale, E. G. Dating, S. K. Daunest, U. 17380 Datvignette, G. Devignette, P. De Mure, D. G. Devignette, P. De Mure, D. G. Dexter, J. F.	1764æ -	173 2 3	1765 4	17615		17627	17638	17869	Free, J. J. Freundlich, M. M. Friedland, S. S. Pueyo, A. Gabrovek, Z. Gare, D. S. Gain, R. Galanter, L. 17621 Garcher, L. B. 17340 Gas, R. A. Gercke, R. H. J. Gerstein, B. Getler, H. Giberson, R. C. Glasstone, S. Geldstein, B. Graft, R. D.	17 272 1753 2	17943	179 h h	17645 17655	17626 17686 17686	17367	17358	17329
Cooper, Martin, J. Cooper, Martin, J. 17951 Coppege, F. H. Cornelius, G. K. 17811 Courtois, D. A. 17810 17930 Cowling, J. E. Cox, J. W. Craig, C. L. Crain, C. M. Cranford, W. Crawford, J. E. Cropper, W. H. Crosby, J. K. 17831 Curran, D. R. 17831 Curtindale, E. G. Demaak, A. C. 17051 Date, R. V. 18000 Datis, S. K. Daunert, U. 17380 Davidson, J. M. Dearmaley, G. De Nure, D. G. Dester, J. F. Divite, E. L.	176h a	173 2 3	1765 4	17615		17627	17638	17899 17839	Free, J. J. Freundlich, M. M. Friedland, S. S. Fueyo, A. Gabrovek, 7. Gace, D. S. Gain, R. Galanter, L. 17621 Garther, L. B. 17340 Gas, R. A. Gercke, R. H. J. Gerstein, B. Getler, M. Giberson, R. C. Glasstone, S. Geldstein, B. Graft, R. D. Graft, R. D. Graft, R. D. Graft, P. D. 17701 Gaber, W. 17811 Gaber, W. 17901 Gurnsky, D. M. 17371 Hall, J. D. 17671	17 272 1753 2	17943	179 h h	17645 17655	17626 17686 17686	17367	17358	17329

	•								Kinch, J. W.								
Hoomsel, S. F.							17858		Kinah, J. W. 17890 King, E.S.F.								
Homme, N. G.							* 1030	1 0000	King, J. C.							17308	
Hankin, II. II.			a marka k					17989	Kiroher, J. F.		17693	17664					
Harrie, M. V.			17634					1 =====	Klein, H.								17699
Hanson, G. N.								17899	Klement, Jr., A.	v.					17527	17998	
Harrison, G. R.				17645					Klonts, S. E.			17834					
17921 Harrison, J.									Kloster, N. L.					17666			
Marrison, S. E.				, mfa.e			17978		17620 Knapp, W. S.								
17531 Harrity, J.				17635					Koch, A. S.								17979
Hart, E. H.				17905					Komaki, A.						17267		
Rarteck, P. 17270							17278		Kondo, N.		17363	•					
Heseguva, K.						10000			Konorova, E. A.	17362							
Havthorne, J. R.						17907		17849	Konovalenko, B. N	.		17304					
Hayakawa, S.		17913						71009	Kornhauser, H.			17974					
Meffmer, R. R.		2/723					17628			L.					17967		
Helm, J. V.		17613					11050		Kortenhoeven, J. 17811 Kosenkranius, L.								
Heneler, J. R.		2,023						17689	Krause, H.			17644					
H111, M.R.H.			17364					21009	Kreidl, H. J.	17952				17906			
Hilton, Menry N.			17634						Kun, Tru-Sau								17689
No, 81u-Chung		17843	-1-5-						Rumick, S. V.			17844					
Hohstetter, J. N.		-14.9			17366				Kusminskii, A. S.			1.7354					
Hocraffer, V. D.			17 26 4		-13				incy, L.		17643						
Homes, Jr., E. W.		17903	-,						Lampe, P. W.	17982							
Hopkins, G. R. 17940				17625					Landmhl, C. E.					17906			
Hormann, N. H.		17333		_,_,					Lapkin, N. I.								17309
Hull, J. B. 17831									Laughlin, C. D.					17986			
Hulten, W. C.			17344						Lebedev, P. N.		17993						
Humpherys, K. C.				17265					Len, J. A.			17304					
Hudson, R. G.	17932								Lee, J. E.					17846			
Hyder, H. R. Mak.							17308		Lell, E.				17665				
Ikrath, K.	17522								Levine, P. H.			4-1			•		17689
Rushima, H.		17913							Levy, A.			17634					
Ingram, R. D.								17659	iavie, J. H.								17899
Iniushi, Y.		17973							Liebschutz, A. M.	3=4=0							17289
Isenberg, L. 17340									Liller, P. R.	17652							
Inhikawa, H.		17973							Lincke, R.	3,701.0							17939
Jagodovski, B. J.					17826				Linder, C. A.	17912							
Johnson, A. A.			17854					17369	Ling, I.		3 70 22						17309
Johnson, E. J.			17624						Lockwood, P. 17270		17833						
Johnson, E. R. 17950									Lomer, J. N.								
Johnson, N. C. 17810									Longley, R. D.					17376			
Johnson, W.T.K.		17523							17290 Leomia, B. A.								
Johnston, W. H.	17952				17906				Loos, V. E. 17640						17377		
Jones, D. T.							17628		lowe, Jr., A. L.								
Jones, R. C. Kullander, J. W.					17916				Lowrey, R. T.				10000		17327		
Kanlanner, J. W.					17356				Ludwig, G. H.				17355				
Kapian, L. L.					17856				Luedka, S. E.		17293					17628	
Kargin, V. A.								17919	Lukirekii, D. P.		17983						
17701 Kats, A. J.									MacKey, J. W.		-122			19666			
Katsoff, S.	17962								Maddowk, I.				17924	17666			
Kaufman, A. B.								17999	Медее, R. M. 1781-э				17835				
Kaye, B.		17353	17944					17329	17930 Mailen, J. J.							17888	17619
17291 Keen, R. T.					17636		1795A	17809	10,000 Majeske, D. D.								
Keilholts, G. W.	17872								17030 Maun, Thomas							17888	
Keller, J. W.				17665					Marcus, 3. M.	17832							
Kelley, M.	17982								Markle, F.	17352							
17900 Kelly, B. T.									Markovie, V.								17899
17370 Kempter, C. P.									Marnt ta, C.						17987		
Kerlin, E. E.								17300	Martin, D. G.					17296			
Kerridge, J. F.			17524						A78507 Martina, T. P.								
Kilminater, D. T.			17854						Hathovets, T. V.						17267		
17890											17983				•		

Ţ													•			
							-124-									
Hatios, B. R.	•							Orlav, N. F.								
Hatthewe, C. O.		17624						O'Rourke, R. C.				17365				
Hatthews, H. I.					17897			17351 Orr, W. L.								
Mattice, J. J.		17854						Oswald, Jr., H. B	17 272).							
	. 173	339msey, D. J.	•			17648		17661 Overton, H. L.								
HeCollum, J. D. 17860								Patterson, D. A.				17315				
HoCardy, R. M. 17341 HoElroy, V. N.								Patterson, W. J.						17837		
Helauchlan, K. A.					•		17989	Payme, N. G. 17951				17935				
HeHeilly, J. H.			17695					Pellini, W. S.								17849
17890 Hemulty, J. S.								Pennickx, R. 17660								Tiony
Heftiskard, S. B.							17699	Peshikov, E. V.						17697		
17371 Mendelseohn, K.								Pfaff, E. R.						71071	17938	
Herohent, B. V.				17846				Pfaff, J.						2.7857	_1,550	
Marrett, D. J.						17658		Pientanida, E.						-,-,,	17698	
Marrill, L. J.						17308		Piessi, M.							17698	
Hilasin, N.							17699	Plankie, E. P.					17626			179 4 9
Milder, N. L.							17369	Piotnikov, A. F				17305				
Miller, G. L.			17615					Poirier, J. A. Poll, R. A.		17963						
Miller, R. A. 17620) meak					17629	Potter, R. A.						17897		
Miller, R. R.		17904				10000		Price, W. B.	17982							
Miller, S. H. 17700						17588		Proulx, P. F.	17692							
Mille, J. S. 17651								Quatela, C. L.				17635				
Mills, Jr., V. R.						17918		Rabeon, T. A.						1.7267		
(Altahell, E.W.J.				17376		11,520		Radak, B.				17915				
Mitchell, J. C.			17355	-12(-				Perhosek, G. H.						17987		
Hisuno, T. 17361			1000					17341 Perrick, H. I.								
Horrit, G.					17957			Reed, T. M.	1.7622							
Hontgomery, Jr., A. \	.					17348		18000 Rentos, C. A.								
Morgan, I. L.						17918		Richardson, D. A.					17366			
Horgan, L. L.							17829	Risso, F.			17694					
Morita, Y.	179	73.						17621 Roberts, R.								
Morrie, E. L.	-17	,,,				17628		17700 Ross, J.								
Morton, J. R.	1776	03				21420		Rogers, J.					17896			
Motoc, C.		•			17667			Rood, J. L.					17656			
Hueller, R. A. 17901			17885					Rosen, C. A.								17689
Muller, A. 17621								Rosenzweig, W.						17647		
Myakota, V. I.	1796	33						Ross, C. W. 17911						17817		17819
Wakashio, S.	7362							Buckman, J. C.		17663						
Wasarevics, W.	7662		17855					Ruedl, E.		11003						
Need, J. L. 1 Nelson, K. E.	7892							Runnels, R. V.				17525			17368	
Nev, J. C.	1725	73						Russell, D. A.		17893		1757				
17271 Newell, D. M.								Ayrkin, S. N.		-1493	17974					
Newell, Jr., W.							17829	Sedovskeys, G. K. 17701			-131-					
17891 Wenhoff, H. R.								Seelens, R. G.								17010
Niblett, D. N.		17944						Sandoval, R. G.								17919 17 27 9
Michole, D. K.				17376				Smur, A. J.					17926			TIEIA
17940 Nightingale, R. E.								Sauer, J. A.								17609
Wiboul, J.	1761	.3						Sasakura, H. 17361 Saylor, W. P.								-1242
Nisenoff, M.	7372							Schlueter, A.			17994					
Noonan, F. M.			17985					Schmidt, F. J.	17532				17986			
Nordwall, H. L.							17269	Schwenker, H.			1729					
North, N. B.						17928		Scott-Monek, J. A.				17345				
Norton, N. H. 17960						17838		Seamen, D. R.				17295				
Hovak, R.			1984					Sera, T. Ya.							17628	
O'Brien, B. J.	1799	12	17295					Serdyuk, V. V.					17306		•	
Odian, G.	179 9 183 8	17614						Seriemiteos, P.					17306			
O'Donnell, J. D. 17811	,	-1047					3000	Shahinian, P.		17903						
Ogilvie, A.	1766	3.					1.7279	Shane, M. K.					17336			
Okamura, S.	1736							Shaskol'skaya, M. P.							17628	
O'Kelley, G. D.	-,5-	17814						Sheinin, S. S.								17630
		-1017						Shelton, R. D.			17854					
									17019							*

170/19

•								-125-									
She vohenko, I. M.					17306				Walker, B. E.							1000	
Shielde, R. P.				17665	21300	*			Wellace, R. R.							17528	
Shilliday, T. S.		17613		-10-7					Warren, C. S.						1790/		
Shiokawa, T.		1102)				17907			17931 Wattier, J. B.								17829
Shook, D. F.				17885					Weaver, J. H.								-12
Shopteugh, Jr., J. R.				17685					Wabb, F. H.		17333	andah.					
Simmann, R. 17380									Weimun, A.L.A.			17634					
Skanavi, G. I.						17357			17940 Weinberg, A. F.	17076							
Slame, M. F.		17683							Weissert, L. R.	1793#					17397		
Slovokhotova, H. A. 17701									Waller, J. F.					17356	41 271		
Smith, C. O. 17991									Weartheim, G.					-1370			
Smith, E. T.			17524						17840 Western, G. T. 17931								
Smith, R. J.		17893							Whitton, J. L.		17663						
Smithov, L. S.				17305					Vicklein, H. W. 17650								
Smite, F. H.						17817	17818		Wigley, D. A.					17846			
8olon, L. 17900									Wikner, E. C.			17354					
Sorensen, H. 17370 Boein, A.									Wilkerson, T. D.	17912							•
Sperm, J. R.						17847		17959	Williams, F. E.								17359
Springer, T. E.							17598		Villiams, N. A.								17279
Starodubtsev, S. V.								17309	Williamson, R. A. 17350								
Steele, L. E.						17697			Villia, A. H. 17660								
Steffy, V. A.								17849	Willis, D. B. 17940					17896			
17351 Steinkuller, E. V.									Vilson, R. K. 17620								
Stern, H. A.							17526	17939	Wilson, W. A. 17260 Winer, D. E.								1
Stone, J. P.							17580	11939	Wolff, M. F.			17994					
Strayhorn, T. R.				17895			1,740		Woodruff, R. H.			17964					
Stump, F. C.		17933		11097					Hoodward, A. E.		17613						
Sugimpto, H. 17360		A1733							Woodward, T. W.								17699
Burn, K. H.		17843	17644						Wright, L. G.				17695		<1 _		
Swift, D. W.		-,5	17324						Wa, Fa-Yueh						17647		•
Taimity, S. I. 17651						17647			Wymen, J.			17644					
Takeuchi, H. 17361									17351 Wysocki, J. J.				17295				
Taylor, Lyndon						17287		17649	Yumada, M.	*******			11697				
Teodorescie, I.						17667			Yang, L.	17362 17932							
Tobin, J. M. Trismor, P. A.								17349	Yano, 8.	117,54	17363						
Temi, Heimn-Shi					17646		17898		Yaroshetskii, I. D.		213~3	17974					,
Tauchita, N.		17643							Yavin, A. I.		17303	-171					
Tsude, Y.	7362								Yevick, J. G.	17992							
Tucker, G. E.	7702								Young, Jr., F. W.	17852							
Tucker, M. V.	7622								Yoshida, H.		17363						
Turnbull, J. C.	7622							*****	Yoshikawa, H. H.		17613						
Tyapumina, N. A.								17939 17639	Zack, Jr., J. F.					17926			
Utke, P. M.		17623					17638	71039	Zein, F. N. Ziemba, F. P.								17369
Vacca, S. 17351		1(05)					21030		17891 Zimmerman, E. L.		17943					•	
Vale, R. L. 17700									Zueva, M. V.		17943						
Van Antwerp, W. R.						17617					17643						
van Lint, V.A.J. 17940			17354	17905	17896	17897	17648				•						•
Vaugh, W. R.				17955													
Vavilov, V. S.						17837											
Vekilov, Y. K.				17305				1m/									
Verma, J.K.D.								17639									
Vestal, H.	7972				19004												
Vetu, M.					17906												
17360 Vidrine, J. L.	.7922																
Vinson, J. R.	1766					17967											
Vitouakii, N. A.		17983				*1301											
Vodop'yanov, L. K.		-,,~3	17304			17357											
Vorob'yeva, O. B.			,		17956	-1441								•			
Wngenblast, H. 17851																	
Wahrhaftig, A. L.					17906												
					#1.V0												

•												
•	SIRCTY	ION IV					Lockheed Aircraft Corp. 17692		17996	17297		
	4						Lockheed-Georgia Co. 17652 17653		11750	212.71		
Admiral Corporation 17532			17886		17078		Martin-Harletta Corp.					17909
Arrojet-General Corporation 17340 17811 Aerospace Corporation			Tiom		17938		Massachusetts Institute of Technology 17302 McDonnell Aircraft Corp.					11709
17340 Aerospace Industries Association of	Amendan To	_					•				17348	
17263							Minneapolis-Honeywell Regulator Co.					
American Institute of Electrical Eng 17650 17531 17652 17653 17651	17644 17654	17615 17645	17646 17656	17647 17657	1764A 1765A	17 640 176 5 0	Minneacta Minning and Manufacturing Co. 17341 17641					17739
American Machine and Foundry Co.		17655					North American Aviation Inc., Atomics Internations 17272	.1	17926	17847	17928	17959
American Oil Co.	1799						Morthrop Corporation				17288	
17260 Argonne Mational Laboratory							Northwestern University 17612	17645				
		17375 17 8 45		17377 17917			Oak Hidge Mational Laboratory	17665				
Atomic Power Development Associates, 179/2	Inc.						Owens-Corning Fiberglass Corp. 17270	-,				
Avec Corporation	17324						Pennsylvania State University					17699
Babcock and Wilcox Co.				17327			Phillips Petroleum Co.				17628	2,099
The Barnes Engineering Co.				17957			17311 Polarcid Corp.				11080	
Battelle Memorial Institute 173k2 173k3	1701			11971			Purdue University		17916			
17813	17914				17328	17899	Radiation Applications Inc.	17985	17666			
Benach and Lord Inc.						17689	17832 17614 Radiation Inc.					
Beil Telephone Labs. 17820 17821 17822 17693	17824	17825	17366	17817	17818	17819	Radio Corpation of America			17887		
17840 17823 The Bendix Corporation			17816					17295				17939
17810 17930					17668	17619	•		17526			
The Boeing Company 17630	17644	17645	17946				Rensselser Polytechnic Institute					
17650 Brookhaven National Laboratory	2,004	1/04)	113-0				Research Triangle Institute 17640					
17371						17629	Rice University	17915				
17621 17851						17839	Sendie Corp. 17531 17622 17894	17285	17286	17657		
California Institute of Technology						17299	17841 17642	17615 17635		-,,		
Change Vought Corp.		17355					Scenny Mobil Oil Co., Inc	11017			17010	
Conference Redistion Effects on Olass 17693	17694	-1377					Solid State Hadiations, Inc.				17918	
Cornell Asronautical Imboratory	210,1				1727R		17901 17903 Space Technolog: Laboratories, Inc.					
Cutler-Hammer Inc.			12806		11510		Sperry Band Corp.					
Douglas Aircraft Co.			17826			•	17921 Stanford Research Institute		17658	17267		
Dow Corning Corporation					17838		17651 17831			17647		
F. 1. dufont de Memours & Co.	17654						sitate University of Iowa					
					17009	17520	17993 Stevens Institute of Technology				1466	
Edgerton, Germeshausen and Grier, Inc 17351 17922	•						17950 Technical Research Group (TRG)					
Electro-Optical Systems, Inc. 17201	17634		17636		17958	17809	17900 Trvas Instruments, Inc.					
General Dynamics/Astronautics 17960							Texas Muclear Corporation			17287		17649
General Dynamics, General Atomic 17940 17932	17354	1.7625	17616	17897	1764A	17349	17590 Union Carbide Corp.				1791A	
	21321	17905	17896	17947	110-0	11 349	17984					
Generaly Dynamics/Fort Worth 17290 17631	agent.	17955					United Nuclear Corp.		17296			
17620 17931	17524 17904	17895				17289 17829	University of California, Lawrence Hadiation Lab. 17623				17638	
General Electric Co. Defense Systems			Planning Op 17856	eration		17070	17963 University of California, Los Alamos Scientific La	borstory			-1.50	
General Electric Co., Manford Atomic : 17613	Products Op	eration					University of Florida				17858	1730×0
17853 General Electric Co., Knolla Atomic Po	wer Lab.						Ingo: University of Mouston					
General Electric Company, Missile and		nie Dawt		17627				17315				
		-		17967			University of Maryland 17912					
General Electric Co., Muclear Material 17830			ration			17379	University of Mississippi 17301					
General Electric Co., Receiving Tube I	Mpt., Owens	17935				17889	University of Southern California 17833				•	
General Electric Co., Schenectady	17294		17626		17658	17359	University of Washington	17645				
Georgia Institute of Technology					2100	17969	Westinghouse Electric Corp.	r10+2				
Fromman Aircraft Engineering Corp.			17836				17933 Yale University					
17962												17319
17302												•
lolmes and Harver, Inc. 17350												
ughes Research Laboratoris 17812												
.A.E.A. Symposium on Radiation Damage	17664	17666	17666	17667								
I.A.E.A. Symposium on Selected Topics 17990	in Radiatio	n Dosimetr	7									
17003 17001 17002 17063 .A.E.A. Symposium on Selected Topics 17990 nternational Business Machines Corp.,	in Radiatio	n Dosimetr										
A.600 1/001 1/002 17003 .A.E.A. Symposium on Selected Topics 17990 nt-rnational Business Machines Corp., 17920 17120 17120 17121 Liam H. Johnston Laboratories, Inc.	in Radiatio	n Dogimetr		17807								
A. 1690 A. 1690 A. 17002 A. 17003 A. 17	in Radiatio	n Dogimet <u>r</u>		17807								
1/000 1/001 1/002 1/003 1/A.E.A. Symposium on Selected Topics 1/7990 International Business Machines Corp., 1/7920 1/11/14m N. Johnston Laboratories, Inc.	in Madiatio		17906	17807								

17329

1,7618 17808

Arthur D. Little, In.

Litton Systems, Inc.

17353 17944

```
U.S. GOVERNMENT ORGANIZATIONS
 U.S. Air Pogos, Aeronautical Systems Division
17691 17333
 U.S. Army, Chemiuml Center
17890
                                         17893
                                                                                                             17998
 U.S. Army, Dissond Ordnance Puse Lab
17951 17352 17523
U.S. Army, Picatinny Arsenal
                                                                                  17646
                                                                                                             17098
        Army, Signal Research and Devel
17582
Atomic Mhergy Commission
                                                                                                                          17919
                                                       17834
 U.S. Department of Defense, Institute for Defense Analyses 17903
 U.S. Naval Research Laboratory
                                                                                               17837
                                                                                                            17586
                                                                                                                          17269
17849
U.S. National Aeronautics and Space Ad
17271 17632 17633
17903
U.S. National Aeronautics and Space Ad
                                                                                                                          17999
 17901 17992 17995
U.S. National Aeronautics and Space Administration, Marrian 17982 17982
 POREIGN ORGANIZATIONS
Belgium
Centre D'etude De L'energie Mucleaire
1765
Studiecentrum voor Kernenergie, Moe
17372
                                                                                                            17368
 Canada
Mational Mesearch Council of Canada
                                                                    17695
University of Alberta
China
Mational Toing Hua University, Taiwan
17843
France
L'Ecole Normale Superieure, Paris
17662
                                                                   17855
Germany
Institut für Reaktorverketoffe der Kernforscha
                                                      17664
Pechnis
Laboratorium für Technische Physik der
17390
Orest Britain
Atomic Energy Research Establish
Atomic Weapons Research Establishment
                                                                   17835
Rerkeley Muclear Laboratory
C.E.G.B. Nuclear Health and Safety Br
Downreay Experimental Reactor Zstablish
17663
Herwell and Clarendon Laboratory
                                                                                 17646
Imperial College of Science and Technology
17961 17854
National Physical Laboratory
17703
Pilkington Brothers Limited
                                                      17694
University of Reading
                                                                                 17376
Greece
University of Athens
17661
India
Raval Chemical and Metallurgical Laboratories
17910
Saha Institute of Muclear Physics
17972
Israel Atomic Energy Commission
                                                                                 17316
Italy
Imboratori C. I.S. E.
                                        17373
Japan
Industrial Research Institute
17361
Kobe Kogyo Corporation
                                        17973
Kyoto University
Matsushita Electric Industrial Co., 17913
Osaka University
Shizuoka University
```

Tohoku University 17360

17907

17907

Bustituted de Pizios Atomica el localestad

17667

17969

17639

nical Enstitute, Lonio

17697 Steel Institute 17306

17986 Nacoslavia Boris Kidric Institute